



```

NN      NN      TTTTTTTTTT      000000      DDDDDDDD      AAAAAA      PPPPPPPP      RRRRRRRR      MM      MM      SSSSSSSS
NN      NN      TTTTTTTTTT      000000      DDDDDDDD      AAAAAA      PPPPPPPP      RRRRRRRR      MM      MM      SSSSSSSS
NN      NN      TT          00          00      DD      DD      AA      AA      PP      PP      RR      RR      MMMM      MMMM      SS
NN      NN      TT          00          00      DD      DD      AA      AA      PP      PP      RR      RR      MMMM      MMMM      SS
NNNN      NN      TT          00      0000      DD      DD      AA      AA      PP      PP      RR      RR      MM      MM      SS
NNNN      NN      TT          00      0000      DD      DD      AA      AA      PP      PP      RR      RR      MM      MM      SS
NN      NN      NN      TT          00      00      DD      DD      AA      AA      PPPPPPPP      RRRRRRRR      MM      MM      SS
NN      NN      NN      TT          00      00      DD      DD      AA      AA      PPPPPPPP      RRRRRRRR      MM      MM      SS
NN      NNNN      TT          0000      00      DD      DD      AAAAAAAAAA      PP      RRRRRRRR      MM      MM      SS
NN      NNNN      TT          0000      00      DD      DD      AAAAAAAAAA      PP      RRRRRRRR      MM      MM      SS
NN      NN      TT          00          00      DD      DD      AA      AA      PP      RR      RR      MM      MM      SS
NN      NN      TT          00          00      DD      DD      AA      AA      PP      RR      RR      MM      MM      SS
NN      NN      TT          000000      DDDDDDDD      AA      AA      PP      RR      RR      MM      MM      SSSSSSSS
NN      NN      TT          000000      DDDDDDDD      AA      AA      PP      RR      RR      MM      MM      SSSSSSSS
                                     ....
                                     ....
                                     ....
                                     ....

LL      IIIIII      SSSSSSSS
LL      IIIIII      SSSSSSSS
LL      II          SS
LL      II          SS
LL      II          SS
LL      II          SS
LL      II          SSSSSS
LL      II          SSSSSS
LL      II          SS
LL      II          SS
LL      II          SS
LL      II          SS
LL      IIIIII      SSSSSSSS
LLLLLLLLLLLL      IIIIII      SSSSSSSS
LLLLLLLLLLLL      IIIIII      SSSSSSSS
```

(2)	67
(3)	156
(4)	494

DECLARATIONS  
NTSDAP TO RMS - CONVERSION TABLE  
NTSUNSUPPORTED - CONVERSION TABLE

[illegible]



```

0000 1          $BEGIN NTODAPRMS,000,NK$NETWORK,<DAP TO RMS ERROR CONVERSION>
0000 2
0000 3
0000 4
0000 5 *****
0000 6 *****
0000 7 *   COPYRIGHT (c) 1978, 1980, 1982, 1984 BY   *
0000 8 *   DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS.   *
0000 9 *   ALL RIGHTS RESERVED.   *
0000 10
0000 11 *   THIS SOFTWARE IS FURNISHED UNDER A LICENSE AND MAY BE USED AND COPIED   *
0000 12 *   ONLY IN ACCORDANCE WITH THE TERMS OF SUCH LICENSE AND WITH THE   *
0000 13 *   INCLUSION OF THE ABOVE COPYRIGHT NOTICE. THIS SOFTWARE OR ANY OTHER   *
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0000 15 *   OTHER PERSON. NO TITLE TO AND OWNERSHIP OF THE SOFTWARE IS HEREBY   *
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0000 17
0000 18 *   THE INFORMATION IN THIS SOFTWARE IS SUBJECT TO CHANGE WITHOUT NOTICE   *
0000 19 *   AND SHOULD NOT BE CONSTRUED AS A COMMITMENT BY DIGITAL EQUIPMENT   *
0000 20 *   CORPORATION.   *
0000 21
0000 22 *   DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE OR RELIABILITY OF ITS   *
0000 23 *   SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.   *
0000 24
0000 25 *****
0000 26 *****
0000 27
0000 28
0000 29 ++
0000 30 Facility: RMS
0000 31
0000 32 Abstract:
0000 33
0000 34 This module contains two DAP to RMS status code conversion tables named
0000 35 NTSDAP_TO_RMS and NTSUNSUPPORTED. The first table, NTSDAP_TO_RMS, is
0000 36 organized by ascending DAP status code values. Given a DAP status
0000 37 code, the low order 16-bits of the corresponding RMS completion code
0000 38 (or FAL status code where there is no direct mapping into an RMS code)
0000 39 is found by using the DAP code as a word index into the table. The
0000 40 second table, NTSUNSUPPORTED, is simply a list of FAL status codes that
0000 41 provide secondary status information for the RMS$_SUPPORT completion
0000 42 code.
0000 43
0000 44 Environment: VAX/VMS, executive mode
0000 45
0000 46 Author: James A. Krycka,      Creation Date: 07-DEC-1977
0000 47
0000 48 Modified By:
0000 49
0000 50 V03-004 JAK0147      J A Krycka      09-Jul-1984
0000 51 Add error codes that correspond to DAP MICCODES 416 to 470
0000 52 (octal) for MACCODES 4 through 7 defined in the DAP V7.0
0000 53 specification to the NTSDAP_TO_RMS table.
0000 54
0000 55 V03-003 JEJ0045      J E Johnson      28-Jun-1984
0000 56 Eliminate the reference to RMS$_WSF which has been
0000 57 de-implemented.

```

0000	58	:
0000	59	:
0000	60	:
0000	61	:
0000	62	:
0000	63	:
0000	64	:
0000	65	--

V03-002 KRM0113 K Malik 08-Jun-1983  
Collapse COE and COP into CJF.

V03-001 KRM0099 K Malik 04-MAY-1983  
Add support for new RMS/DAP messages.

NTC  
Syn[illegible]



```

0000 67      .SBTTL  DECLARATIONS
0000 68
0000 69      :
0000 70      : Include Files:
0000 71      :
0000 72
0000 73      $RMSDEF      : Define RMS completion codes
0000 74      $RMSFALMSG  : Define FAL status codes
0000 75
0000 76      :
0000 77      : Macros:
0000 78      :
0000 79      :
0000 80      :++
0000 81      : DAPRMS_INIT initializes the NTSDAP_TO_RMS conversion table and defines the
0000 82      : symbol NTSDAPRMSSEND to represent the largest DAP code value that can be used
0000 83      : as an index into this table.
0000 84      :
0000 85      : MAXDAP = the largest DAP status code value
0000 86      : DEFAULT = the default RMS completion code
0000 87      :--
0000 88
0000 89      .MACRO  DAPRMS_INIT      MAXDAP,DEFAULT
0000 90      .REPT  <MAXDAP+1>
0000 91      .WORD  <RMS$_'DEFAULT&^XFFFF>
0000 92      .ENDR
0000 93      NTSDAPRMSSEND == MAXDAP
0000 94      .ENDM  DAPRMS_INIT
0000 95
0000 96      :++
0000 97      : DAPRMS defines an entry in the NTSDAP_TO_RMS conversion table where:
0000 98      :
0000 99      : DAPCODE = the DAP status code
0000 100     : RMSCODE = the RMS completion code
0000 101     :--
0000 102
0000 103     .MACRO  DAPRMS  DAPCODE,RMSCODE
0000 104     .=<DAPCODE*2>
0000 105     .WORD  <RMS$_'RMSCODE&^XFFFF>
0000 106     .ENDM  DAPRMS
0000 107
0000 108     :++
0000 109     : DAPFAL defines an entry in the NTSDAP_TO_RMS conversion table where:
0000 110     :
0000 111     : DAPCODE = the DAP status code
0000 112     : FALCODE = the FAL status code
0000 113     :--
0000 114
0000 115     .MACRO  DAPFAL  DAPCODE,FALCODE
0000 116     .=<DAPCODE*2>
0000 117     .WORD  <FAL$_'FALCODE&^XFFFF>
0000 118     .ENDM  DAPFAL
0000 119
0000 120     :++
0000 121     : DAPRMSSEND terminates the NTSDAP_TO_RMS conversion table.
0000 122     :--
0000 123

```

```

0000 124      .MACRO DAPRMSSEND
0000 125      .=<<NTSDAPRMSSEND+1>*2>
0000 126      .ENDM DAPRMSSEND
0000 127
0000 128      :++
0000 129      : SUPFAL defines an entry in the NT$UNSUPPORTED conversion table where:
0000 130      :
0000 131      : FALCODE = the FAL status code
0000 132      :--
0000 133
0000 134      .MACRO SUPFAL FALCODE
0000 135      .WORD <FALS 'FALCODE&*XFFFF>
0000 136      .ENDM SUPFAL
0000 137
0000 138      :++
0000 139      : SUPFALEND terminates the NT$UNSUPPORTED conversion table.
0000 140      :--
0000 141
0000 142      .MACRO SUPFALEND
0000 143      .WORD 0
0000 144      .ENDM SUPFALEND
0000 145
0000 146      :
0000 147      : Equated Symbols:
0000 148      :
0000 149      : NTSDAPRMSSEND, the largest DAP code in table, will be defined.
0000 150      :
0000 151      : Own Storage:
0000 152      :
0000 153      : None
0000 154      :

```

```

0000 156 .SBTTL NTSDAP_TO_RMS - CONVERSION TABLE
0000 157
0000 158 :++
0000 159 : This table maps each DAP status code into a corresponding RMS completion code
0000 160 : or a FAL status code (where there is no direct mapping into an RMS code).
0000 161 : This table is used for responses from FAL when the MACCODE value of the DAP
0000 162 : STSCODE field is 4, 5, or 7 (indicating that the remote file system is
0000 163 : reporting status about a file operation it attempted). The MICCODE value of
0000 164 : the STSCODE field is used as the index into this table.
0000 165 :--
0000 166
0000 167 NTSDAP_TO_RMS:: ; Start of primary conversion table
0000 168
0000 169 DAPRMS_INIT MAXDAP=312,DEFAULT=NET ; For MICCODEs 1 to 470 (octal)
0272 170
0272 171 DAPFAL 0,DAPFAIL
0002 172 : ***** DAPRMS 1,TEMP2 ; Defined but not used by RMS-32
0002 173 DAPFAL 1,RMSABO
0004 174 DAPRMS 2,ACC
0006 175 DAPRMS 3,ACT
0008 176 DAPRMS 4,AID
000A 177 DAPRMS 5,ALN
000C 178 DAPRMS 6,ALQ
000E 179 DAPRMS 7,ANI
0010 180 DAPRMS 8,AOP
0012 181 DAPFAL 9,RMSAST
0014 182 DAPRMS 10,ATR
0016 183 DAPRMS 11,ATW
0018 184 DAPRMS 12,BKS
001A 185 DAPRMS 13,BKZ
001C 186 DAPRMS 14,BLN
001E 187 DAPRMS 15,BOF
0020 188 DAPFAL 16,RMSBPA
0022 189 DAPFAL 17,RMSBPS
0024 190 DAPRMS 18,BUG
0026 191 DAPRMS 19,CCR
0028 192 DAPRMS 20,CHG
002A 193 DAPRMS 21,CHK
002C 194 DAPFAL 22,RMSCLS
002E 195 DAPRMS 23,COD
0030 196 DAPRMS 24,CRE
0032 197 DAPRMS 25,CUR
0034 198 DAPRMS 26,DAC
0036 199 DAPRMS 27,DAN
0038 200 DAPRMS 28,DEL
003A 201 DAPRMS 29,DEV
003C 202 DAPRMS 30,DIR
003E 203 DAPRMS 31,DME
0040 204 DAPRMS 32,DNF
0042 205 DAPRMS 33,DNR
0044 206 DAPRMS 34,DPE
0046 207 DAPRMS 35,DTP
0048 208 DAPRMS 36,DUP
004A 209 DAPRMS 37,ENT
004C 210 DAPRMS 38,ENV
004E 211 DAPRMS 39,EOF
0050 212 DAPRMS 40,ESS

```



0052	213	DAPRMS	41,EXP	
0054	214	DAPRMS	42,EXT	
0056	215	DAPRMS	43,FAB	
0058	216	DAPRMS	44,FAC	
005A	217	DAPRMS	45,FEX	
005C	218	DAPFAL	46,RMSFID	
005E	219	DAPRMS	47,FLG	
0060	220	DAPRMS	48,FLK	
0062	221	DAPRMS	49,FND	
0064	222	DAPRMS	50,FNF	
0066	223	DAPRMS	51,FNM	
0068	224	DAPRMS	52,FOP	
006A	225	DAPRMS	53,FUL	
006C	226	DAPRMS	54,IAN	
006E	227	DAPRMS	55,IFI	
0070	228	DAPRMS	56,IMX	
0072	229	DAPFAL	57,RMSINI	
0074	230	DAPRMS	58,IOP	
0076	231	DAPRMS	59,IRC	
0078	232	DAPRMS	60,ISI	
007A	233	DAPRMS	61,KBF	
007C	234	DAPRMS	62,KEY	
007E	235	DAPRMS	63,KRF	
0080	236	DAPRMS	64,KSZ	
0082	237	DAPRMS	65,LAN	
0084	238	; ***** DAPRMS	66,TEMP4	; Defined but not used by RMS-32
0084	239	DAPFAL	66,RMSLBL	
0086	240	DAPFAL	67,RMSLBY	
0088	241	DAPFAL	68,RMSLCH	
008A	242	DAPRMS	69,LEX	
008C	243	; ***** DAPRMS	70,TEMP5	; Defined but not used by RMS-32
008C	244	DAPFAL	70,RMSLOC	
008E	245	DAPFAL	71,RMSMAP	
0090	246	DAPRMS	72,MKD	
0092	247	DAPRMS	73,MRN	
0094	248	DAPRMS	74,MRS	
0096	249	DAPRMS	75,NAM	
0098	250	DAPRMS	76,NEF	
009A	251	; ***** DAPRMS	77,TEMP6	; Defined but not used by RMS-32
009A	252	DAPFAL	77,RMSNID	
009C	253	DAPRMS	78,NPK	
009E	254	DAPFAL	79,RMSOPN	
00A0	255	DAPRMS	80,ORD	
00A2	256	DAPRMS	81,ORG	
00A4	257	DAPRMS	82,PLG	
00A6	258	DAPRMS	83,PGS	
00A8	259	; ***** DAPRMS	84,TEMP7	; Defined but not used by RMS-32
00A8	260	DAPFAL	84,RMSPRM	
00AA	261	DAPRMS	85,PRV	
00AC	262	DAPRMS	86,RAB	
00AE	263	DAPRMS	87,RAC	
00B0	264	DAPRMS	88,RAT	
00B2	265	DAPRMS	89,RBF	
00B4	266	DAPRMS	90,RER	
00B6	267	DAPRMS	91,REX	
00B8	268	DAPRMS	92,RFA	
00BA	269	DAPRMS	93,RFM	

DAP TO RMS ERROR CONVERSION  
NTSDAP\_TO\_RMS - CONVERSION TABLE

K 3

15-SEP-1984 23:56:08  
5-SEP-1984 16:20:32

VAX/VMS Macro V04-00  
[RMS.SRC]NTODAPRMS.MAR;1

Page 7  
(3)

00BC	270	DAPRMS	94,RLK	
00BE	271	DAPRMS	95,RMV	
00C0	272	DAPRMS	96,RNF	
00C2	273	DAPRMS	97,RNL	
00C4	274	DAPRMS	98,ROP	
00C6	275	DAPRMS	99,RPL	
00C8	276	DAPRMS	100,RRV	
00CA	277	DAPRMS	101,RSA	
00CC	278	DAPRMS	102,RSZ	
00CE	279	DAPRMS	103,RTB	
00D0	280	DAPRMS	104,SEQ	
00D2	281	DAPRMS	105,SHR	
00D4	282	DAPRMS	106,SIZ	
00D6	283	; ***** DAPRMS	107,TEMP8	; Defined but not used by RMS-32
00D6	284	DAPFAL	107,RMSSTK	
00D8	285	DAPRMS	108,SYS	
00DA	286	DAPRMS	109,TRE	
00DC	287	DAPRMS	110,TYP	
00DE	288	DAPRMS	111,UBF	
00E0	289	DAPRMS	112,USZ	
00E2	290	DAPRMS	113,VER	
00E4	291	; ***** DAPRMS	114,VOL	; Removed from RMS-32 (perhaps used
00E4	292	DAPFAL	114,RMSVOL	; by other systems?)
00E6	293	DAPRMS	115,WER	
00E8	294	DAPRMS	116,WLK	
00EA	295	DAPRMS	117,WPL	
00EC	296	DAPRMS	118,XAB	
00EE	297	DAPRMS	119,BUG DDI	
00F0	298	; ***** DAPRMS	120,TEMP3	; Defined but not used by RMS-32
00F0	299	DAPFAL	120,RMSCAA	
00F2	300	DAPRMS	121,CCF	
00F4	301	DAPRMS	122,CDA	
00F6	302	DAPRMS	123,CHN	
00F8	303	DAPRMS	124,CONTROLO	
00FA	304	DAPRMS	125,CONTROLY	
00FC	305	DAPRMS	126,DNA	
00FE	306	DAPRMS	127,DVI	
0100	307	DAPRMS	128,ESA	
0102	308	DAPRMS	129,FNA	
0104	309	DAPRMS	130,FSZ	
0106	310	DAPRMS	131,IAL	
0108	311	DAPRMS	132,KFF	
010A	312	DAPRMS	133,LNE	
010C	313	DAPRMS	134,NOD	
010E	314	DAPRMS	135,NORMAL	
0110	315	DAPRMS	136,OK_DUP	
0112	316	DAPRMS	137,OK_IDX	
0114	317	DAPRMS	138,OK_RLK	
0116	318	DAPRMS	139,OK_RRL	
0118	319	DAPRMS	140,CREATED	
011A	320	DAPRMS	141,PBF	
011C	321	DAPRMS	142,PENDING	
011E	322	DAPRMS	143,QUO	
0120	323	DAPRMS	144,RHB	
0122	324	DAPRMS	145,RLF	
0124	325	DAPRMS	146,RSS	
0126	326	DAPRMS	147,RST	

DAP TO RMS ERROR CONVERSION  
NTSDAP\_TO\_RMS - CONVERSION TABLE

L 3

15-SEP-1984 23:56:08  
5-SEP-1984 16:20:32

VAX/VMS Macro V04-00  
[RMS.SRC]NTODAPRMS.MAR;1

Page 8  
(3)

0128	327	DAPRMS	148,SQO
012A	328	DAPRMS	149,SUC
012C	329	DAPRMS	150,SUPERSEDE
012E	330	DAPRMS	151,SYN
0130	331	DAPRMS	152,TMO
0132	332	DAPFAL	153,RMSBLK
0134	333	DAPFAL	154,RMSBSZ
0136	334	DAPFAL	155,RMSCDR
0138	335	DAPFAL	156,RMSCGJ
013A	336	DAPFAL	157,RMSCOF
013C	337	DAPFAL	158,RMSJFN
013E	338	DAPFAL	159,RMSPEF
0140	339	DAPFAL	160,RMSTRU
0142	340	DAPFAL	161,RMSUDF
0144	341	DAPFAL	162,RMSXCL
0146	342	DAPFAL	163,DAPDIRFUL
0148	343	DAPFAL	164,FCSHWR
014A	344	DAPFAL	165,FCSFHE
014C	345	DAPFAL	166,DAPWRTEOF
014E	346	DAPFAL	167,FCSONP
0150	347	DAPFAL	168,FCSDNA
0152	348	DAPFAL	169,FCSDA
0154	349	DAPFAL	170,FCSUN
0156	350	DAPFAL	171,FCSRSU
0158	351	DAPFAL	172,FCSOVR
015A	352	DAPFAL	173,FCSBCC
015C	353	DAPFAL	174,FCSNOD
015E	354	DAPFAL	175,FCSIFU
0160	355	DAPFAL	176,FCSHFU
0162	356	DAPFAL	177,FCSWAC
0164	357	DAPFAL	178,FCSCKS
0166	358	DAPFAL	179,FCSWAT
0168	359	DAPFAL	180,FCSALN
016A	360	DAPFAL	181,FCSBTF
016C	361	DAPFAL	182,FCSILL
016E	362	DAPFAL	183,FCS2DV
0170	363	DAPFAL	184,FCSFEX
0172	364	DAPFAL	185,FCSRNM
0174	365	DAPFAL	186,FCSFOP
0176	366	DAPFAL	187,FCSVER
0178	367	DAPFAL	188,FCSOEV
017A	368	DAPFAL	189,FCSDAO
017C	369	DAPFAL	190,FCSBBE
017E	370	DAPFAL	191,FCSBOT
0180	371	DAPFAL	192,FCSNBF
0182	372	DAPFAL	193,FCSNBK
0184	373	DAPFAL	194,FCSNST
0186	374	DAPFAL	195,FCSULK
0188	375	DAPFAL	196,FCSNLN
018A	376	DAPFAL	197,FCSRE
018C	377	DAPRMS	198,SPL
018E	378	DAPRMS	199,NMF
0190	379	DAPRMS	200,CRC
0192	380	DAPFAL	201,DAPQUOEXC
0194	381	DAPRMS	202,BUG DAP
0196	382	DAPRMS	203,CONTROL C
0198	383	DAPRMS	204,DFL



DAP TO RMS ERROR CONVERSION  
NTSDAP\_TO\_RMS - CONVERSION TABLE

M 3

15-SEP-1984 23:56:08 VAX/VMS Macro V04-00  
5-SEP-1984 16:20:32 [RMS.SRC]NTODAPRMS.MAR;1

Page 9  
(3)

019A	384	DAPRMS	205,ESL
019C	385	DAPRMS	206,IBF
019E	386	DAPRMS	207,IBK
01A0	387	DAPRMS	208,IDX
01A2	388	DAPRMS	209,IFA
01A4	389	DAPRMS	210,IFL
01A6	390	DAPRMS	211,KNM
01A8	391	DAPRMS	212,КСI
01AA	392	DAPRMS	213,MBC
01AC	393	DAPRMS	214,NET
01AE	394	DAPRMS	215,OK_ALK
01B0	395	DAPRMS	216,OK_DEL
01B2	396	DAPRMS	217,OK_LIM
01B4	397	DAPRMS	218,OK_NOP
01B6	398	DAPRMS	219,OK_RNF
01B8	399	DAPRMS	220,PLV
01BA	400	DAPRMS	221,REF
01BC	401	DAPRMS	222,RSL
01BE	402	DAPRMS	223,RVU
01C0	403	DAPRMS	224,SEG
01C2	404	DAPRMS	225,OK_WAT
01C4	405	DAPRMS	226,SUP
01C6	406	DAPRMS	227,WBE
01C8	407	DAPRMS	228,WLD
01CA	408	; ***** DAPRMS	229,WSF
01CA	409	DAPFAL	230,DAPDIRCAF
01CE	410	DAPFAL	231,DAPDIRCRA
01D0	411	DAPFAL	232,DAPDIRPRO
01D2	412	DAPFAL	233,DAPDIRPRA
01D4	413	DAPFAL	234,DAPDIRNFA
01D6	414	DAPFAL	235,DAPDIRCON
01D8	415	DAPRMS	236,SNE
01DA	416	DAPRMS	237,SPE
01DC	417	DAPRMS	238,UPI
01DE	418	DAPRMS	239,ACS
01E0	419	DAPRMS	240,TNS
01E2	420	DAPRMS	241,BES
01E4	421	DAPRMS	242,PES
01E6	422	DAPRMS	243,WCC
01E8	423	DAPRMS	244,IDR
01EA	424	DAPRMS	245,STR
01EC	425	DAPRMS	246,FTM
01EE	426	DAPRMS	247,CRE_STM
01F0	427	DAPRMS	248,GBC
01F2	428	DAPRMS	249,ENQ
01F4	429	DAPRMS	250,NETFAIL
01F6	430	DAPRMS	251,SUPPORT
01F8	431	DAPRMS	252,CRMP
01FA	432	DAPRMS	253,DEADLOCK
01FC	433	DAPRMS	254,EXENQLM
01FE	434	DAPRMS	255,JNF
0200	435	DAPRMS	256,IOP
0202	436	DAPRMS	257,RUM
0204	437	DAPRMS	258,NOJ
0206	438	DAPRMS	259,OK_RULK
0208	439	DAPRMS	260,OVRRDSKQUOTA
020A	440	DAPRMS	261,INCOMPSTR

; Defined by DAP but not by RMS-32

DAP TO RMS ERROR CONVERSION  
NTSDAP\_TO\_RMS - CONVERSION TABLE

N 3

15-SEP-1984 23:56:08 VAX/VMS Macro V04-00  
5-SEP-1984 16:20:32 [RMS.SRC]NTODAPRMS.MAR;1

020C	441	DAPRMS	262,LWC
020E	442	DAPRMS	263,XNF
0210	443	DAPRMS	264,RUP
0210	444	DAPRMS	265,JNS
0214	445	DAPRMS	266,NRU
0216	446	DAPRMS	267,REENT
0218	447	DAPRMS	268,CJF
021A	448	DAPRMS	269,TMR
021C	449	DAPFAL	270,TENFILMOD
021E	450	DAPFAL	271,TENDEVNA
0220	451	DAPFAL	272,TENDEVNF
0222	452	DAPFAL	273,TENPARALL
0224	453	DAPFAL	274,TENBNFREE
0226	454	DAPFAL	275,TENCSDF
0228	455	DAPFAL	276,TENCDDF
022A	456	DAPFAL	277,TENSFDNF
022C	457	DAPFAL	278,TENSLE
022E	458	DAPFAL	279,TENSFDCNT
0230	459	DAPFAL	280,TENNCESE
0232	460	DAPFAL	281,TENCUPFIL
0234	461	DAPFAL	282,TENNETCAP
0236	462	DAPFAL	283,TENTSKNA
0238	463	DAPFAL	284,TENNODNF
023A	464	DAPFAL	285,TENSFDREN
023C	465	DAPFAL	286,TENCDFNDR
023E	466	DAPFAL	287,TENJCREAD
0240	467	DAPFAL	288,TENRENSFD
0242	468	DAPFAL	289,TENDEVDWN
0244	469	DAPFAL	290,TENDEVRES
0246	470	DAPFAL	291,TENDEVMDA
0248	471	DAPFAL	292,TENDEVALL
024A	472	DAPFAL	293,TENILDM
024C	473	DAPFAL	294,TENLPTPAG
024E	474	DAPFAL	295,TENLPTVFU
0250	475	DAPFAL	296,TENLPTCHR
0252	476	DAPFAL	297,TENLPTRAM
0254	477	DAPFAL	298,TENFILSPC
0256	478	DAPFAL	299,TENNSNOD
0258	479	DAPFAL	300,TENANODI
025A	480	DAPFAL	301,TENSNODI
025C	481	DAPFAL	302,TENNSDEV
025E	482	DAPFAL	303,TENADEVI
0260	483	DAPFAL	304,TENSDEVI
0262	484	DAPFAL	305,TENNSDIR
0264	485	DAPFAL	306,TENADIRI
0266	486	DAPFAL	307,TENS DIRI
0268	487	DAPFAL	308,TENNSFIL
026A	488	DAPFAL	309,TENAFILI
026C	489	DAPFAL	310,TENSFILR
026E	490	DAPFAL	311,TENAFILR
0270	491	DAPFAL	312,TENSFILR
0272	492	DAPRMS	SEND

; Spare DAP code--not used by RMS-32

; End of primary conversion table

```

0272 494 .SBTTL NT$UNSUPPORTED - CONVERSION TABLE
0272 495
0272 496 :++
0272 497 : This table contains a list of FAL status codes that may be used as secondary
0272 498 : status codes associated with the RMS$ SUPPORT completion code. This table is
0272 499 : used to map a response from FAL when the MACCODE value of the DAP STSCODE
0272 500 : field is 2 (indicating that the request is not supported by FAL) and the
0272 501 : RMS$_SUPPORT completion code will be reported as the primary error code.
0272 502 :--
0272 503
0272 504 NT$UNSUPPORTED:: ; Start of secondary conversion table
0272 505 SUPFAL ORG
0274 506 SUPFAL RFM
0276 507 SUPFAL RAT
0278 508 SUPFAL BLS
027A 509 SUPFAL MRS
027C 510 SUPFAL ALQ1
027E 511 SUPFAL BKS
0280 512 SUPFAL FSZ
0282 513 SUPFAL MRN
0284 514 SUPFAL DEQ1
0286 515 SUPFAL FOP1
0288 516 SUPFAL LRL
028A 517 SUPFAL ACCFUNC
028C 518 SUPFAL FAC
028E 519 SUPFAL SHR
0290 520 SUPFAL CTLFUNC
0292 521 SUPFAL RAC
0294 522 SUPFAL KEY
0296 523 SUPFAL KRF
0298 524 SUPFAL ROP
029A 525 SUPFAL CONFUNC
029C 526 SUPFAL CMPFUNC
029E 527 SUPFAL FOP2
02A0 528 SUPFAL FLG
02A2 529 SUPFAL DFL
02A4 530 SUPFAL IFL
02A6 531 SUPFAL POS
02A8 532 SUPFAL SI2
02AA 533 SUPFAL REF
02AC 534 SUPFAL KNM
02AE 535 SUPFAL NUL
02B0 536 SUPFAL IAN
02B2 537 SUPFAL LAN
02B4 538 SUPFAL DAN
02B6 539 SUPFAL DTP
02B8 540 SUPFAL VOL
02BA 541 SUPFAL ALN
02BC 542 SUPFAL AOP
02BE 543 SUPFAL LOC
02C0 544 SUPFAL ALQ2
02C2 545 SUPFAL AID
02C4 546 SUPFAL BK2
02C6 547 SUPFAL DEQ2
02C8 548 SUPFAL CDT
02CA 549 SUPFAL RDT
02CC 550 SUPFAL EDT

```



02CE	551	SUPFAL	RVN
02D0	552	SUPFAL	OWNER
02D2	553	SUPFAL	PROTSYS
02D4	554	SUPFAL	PROTOWN
02D6	555	SUPFAL	PROTGRP
02D8	556	SUPFAL	PROTWLD
02DA	557	SUPFAL	PROTWLD
02DC	558	SUPFAL	PROTWLD
02DC	559	SUPFAL	PROTWLD
		.END	

; End of secondary conversion table

; End of module

\$\$PSECT\_EP = 00000000  
 \$\$RMSTEST = 0000001A  
 \$\$RMS\_PBUGCHK = 00000010  
 \$\$RMS\_TBUGCHK = 00000008  
 \$\$RMS\_UMODE = 00000004  
 FALS\_ACCFUNC = 01F7C684  
 FALS\_AID = 01F7D68C  
 FALS\_ALN = 01F7D694  
 FALS\_ALQ1 = 01F7C48C  
 FALS\_ALQ2 = 01F7D684  
 FALS\_AOP = 01F7D69C  
 FALS\_BKS = 01F7C4C4  
 FALS\_BKZ = 01F7D6C4  
 FALS\_BLS = 01F7C4AC  
 FALS\_CDT = 01F7DA8C  
 FALS\_CMPFUNC = 01F7CE84  
 FALS\_CONFUNC = 01F7CA84  
 FALS\_CTLFUNC = 01F7C884  
 FALS\_DAN = 01F7D4E4  
 FALS\_DAPDIRCAF = 01F7A734  
 FALS\_DAPDIRCON = 01F7A75C  
 FALS\_DAPDIRCRA = 01F7A73C  
 FALS\_DAPDIRFUL = 01F7A51C  
 FALS\_DAPDIRNFA = 01F7A754  
 FALS\_DAPDIRPRA = 01F7A74C  
 FALS\_DAPDIRPRO = 01F7A744  
 FALS\_DAPFAIL = 01F7A004  
 FALS\_DAPQUOEXC = 01F7A64C  
 FALS\_DAPWRT EOF = 01F7A534  
 FALS\_DEQ1 = 01F7C4E4  
 FALS\_DEQ2 = 01F7D6CC  
 FALS\_DFL = 01F7D494  
 FALS\_DTP = 01F7D4EC  
 FALS\_EDT = 01F7DA9C  
 FALS\_FAC = 01F7C69C  
 FALS\_FCS2DV = 01F7A5BC  
 FALS\_FCSALN = 01F7A5A4  
 FALS\_FCSBBE = 01F7A5F4  
 FALS\_FCSBCC = 01F7A56C  
 FALS\_FCSBTF = 01F7A5AC  
 FALS\_FCSCKS = 01F7A594  
 FALS\_FCSDAA = 01F7A54C  
 FALS\_FCSDAO = 01F7A5EC  
 FALS\_FCSDNA = 01F7A544  
 FALS\_FCSDUN = 01F7A554  
 FALS\_FCSEOT = 01F7A5FC  
 FALS\_FCSEOV = 01F7A5E4  
 FALS\_FCSFEX = 01F7A5C4  
 FALS\_FCSFHE = 01F7A52C  
 FALS\_FCSFOP = 01F7A5D4  
 FALS\_FCSHFU = 01F7A584  
 FALS\_FCSHWR = 01F7A524  
 FALS\_FCSI FU = 01F7A57C  
 FALS\_FCSILL = 01F7A5B4  
 FALS\_FCSNBF = 01F7A604  
 FALS\_FCSNBK = 01F7A60C  
 FALS\_FCSNLM = 01F7A624

FALS\_FCSNOD = 01F7A574  
 FALS\_FCSNST = 01F7A614  
 FALS\_FCSONP = 01F7A53C  
 FALS\_FCSOVR = 01F7A564  
 FALS\_FCSRNM = 01F7A5CC  
 FALS\_FCSRSU = 01F7A55C  
 FALS\_FCSSRE = 01F7A62C  
 FALS\_FCSULK = 01F7A61C  
 FALS\_FCSVER = 01F7A5DC  
 FALS\_FCSWAC = 01F7A58C  
 FALS\_FCSWAT = 01F7A59C  
 FALS\_FLG = 01F7D48C  
 FALS\_FOP1 = 01F7C4EC  
 FALS\_FOP2 = 01F7CE8C  
 FALS\_FSZ = 01F7C4CC  
 FALS\_IAN = 01F7D4D4  
 FALS\_IFL = 01F7D49C  
 FALS\_KEY = 01F7C89C  
 FALS\_KNM = 01F7D4C4  
 FALS\_KRF = 01F7C8A4  
 FALS\_LAN = 01F7D4DC  
 FALS\_LOC = 01F7D6A4  
 FALS\_LRL = 01F7C50C  
 FALS\_MRN = 01F7C4D4  
 FALS\_MRS = 01F7C4B4  
 FALS\_NUL = 01F7D4CC  
 FALS\_ORG = 01F7C494  
 FALS\_OWNER = 01F7DC8C  
 FALS\_POS = 01F7D4AC  
 FALS\_PROTGRP = 01F7DCA4  
 FALS\_PROTOWN = 01F7DC9C  
 FALS\_PROTSYS = 01F7DC94  
 FALS\_PROTWLD = 01F7DCAC  
 FALS\_RAC = 01F7C894  
 FALS\_RAT = 01F7C4A4  
 FALS\_RDT = 01F7DA94  
 FALS\_REF = 01F7D48C  
 FALS\_RFM = 01F7C49C  
 FALS\_RMSABO = 01F7A00C  
 FALS\_RMSAST = 01F7A04C  
 FALS\_RMSBLK = 01F7A4CC  
 FALS\_RMSBPA = 01F7A054  
 FALS\_RMSBPS = 01F7A05C  
 FALS\_RMSBSZ = 01F7A4D4  
 FALS\_RMSCAA = 01F7A3C4  
 FALS\_RMSCDR = 01F7A4DC  
 FALS\_RMSCGJ = 01F7A4E4  
 FALS\_RMSCLS = 01F7A0B4  
 FALS\_RMSCOF = 01F7A4EC  
 FALS\_RMSFID = 01F7A174  
 FALS\_RMSINI = 01F7A1CC  
 FALS\_RMSJFN = 01F7A4F4  
 FALS\_RMSLBL = 01F7A214  
 FALS\_RMSLBY = 01F7A21C  
 FALS\_RMSLCH = 01F7A224  
 FALS\_RMSLOC = 01F7A234  
 FALS\_RHSMAP = 01F7A23C

NTODAPRMS  
Symbol table

DAP TO RMS ERROR CONVERSION

E 4

15-SEP-1984 23:56:08 VAX/VMS Macro V04-00  
5-SEP-1984 16:20:32 [RMS.SRC]NTODAPRMS.MAR;1

Page 14  
(4)

NTOD  
V04

FALS\_RMSNID = 01F7A26C  
FALS\_RMSOPN = 01F7A27C  
FALS\_RMSPEF = 01F7A4FC  
FALS\_RMSPRM = 01F7A2A4  
FALS\_RMSSTK = 01F7A35C  
FALS\_RMSTRU = 01F7A504  
FALS\_RMSUDF = 01F7A50C  
FALS\_RMSVOL = 01F7A394  
FALS\_RMSXCL = 01F7A514  
FALS\_ROP = 01F7C8AC  
FALS\_RVM = 01F7DAA4  
FALS\_SHR = 01F7C6A4  
FALS\_SIZ = 01F7D4B4  
FALS\_TENADEVI = 01F7A97C  
FALS\_TENADIRI = 01F7A994  
FALS\_TENAFILI = 01F7A9AC  
FALS\_TENAFILR = 01F7A9BC  
FALS\_TENANODI = 01F7A964  
FALS\_TENBNFREE = 01F7A894  
FALS\_TENCDDF = 01F7A8A4  
FALS\_TENCDFNDR = 01F7A8F4  
FALS\_TENCSDF = 01F7A89C  
FALS\_TENCUPFIL = 01F7A8CC  
FALS\_TENDEVALL = 01F7A924  
FALS\_TENDEVOWN = 01F7A90C  
FALS\_TENDEVMDA = 01F7A91C  
FALS\_TENDEVNA = 01F7A87C  
FALS\_TENDEVNF = 01F7A884  
FALS\_TENDEVRES = 01F7A914  
FALS\_TENFILMOD = 01F7A874  
FALS\_TENFILSPC = 01F7A954  
FALS\_TENILLDM = 01F7A92C  
FALS\_TENJCREAD = 01F7A8FC  
FALS\_TENLPTCHR = 01F7A944  
FALS\_TENLPTPAG = 01F7A934  
FALS\_TENLPTRAM = 01F7A94C  
FALS\_TENLPTVPU = 01F7A93C  
FALS\_TENNCESL = 01F7A8C4  
FALS\_TENNETCAP = 01F7A8D4  
FALS\_TENNODNF = 01F7A8E4  
FALS\_TENNSDEV = 01F7A974  
FALS\_TENNSDIR = 01F7A98C  
FALS\_TENNSFIL = 01F7A9A4  
FALS\_TENNSNOD = 01F7A95C  
FALS\_TENPARALL = 01F7A88C  
FALS\_TENRENSFD = 01F7A904  
FALS\_TENSDEVI = 01F7A984  
FALS\_TENSDIRI = 01F7A99C  
FALS\_TENSFDCNT = 01F7A8BC  
FALS\_TENSFDNF = 01F7A8AC  
FALS\_TENSFDREN = 01F7A8EC  
FALS\_TENSFILI = 01F7A9B4  
FALS\_TENSFILR = 01F7A9C4  
FALS\_TENSLE = 01F7A8B4  
FALS\_TENSNODI = 01F7A96C  
FALS\_TENTSKNA = 01F7A8DC  
FALS\_VOL = 01F7D68C

NTSDAPRMSSEND = 00000138 G  
NTSDAP TO RMS = 00000000 RG 01  
NTSUNSUPPORTED = 00000272 RG 01  
RMS\$ACC = 0001C002  
RMS\$ACS = 000187B4  
RMS\$ACT = 0001825A  
RMS\$AID = 000183F4  
RMS\$ALN = 000183FC  
RMS\$ALQ = 00018404  
RMS\$ANI = 0001840C  
RMS\$AOP = 00018414  
RMS\$ATR = 0001C0CC  
RMS\$ATW = 0001C0D4  
RMS\$BES = 000181C0  
RMS\$BKS = 0001841C  
RMS\$BKZ = 00018424  
RMS\$BLN = 0001842C  
RMS\$BOF = 00018198  
RMS\$BUG = 00018434  
RMS\$BUG\_DAP = 00018444  
RMS\$BUG\_DDI = 0001843C  
RMS\$CCF = 0001C0DC  
RMS\$CCR = 00018494  
RMS\$CDA = 0001C0E4  
RMS\$CHG = 0001849C  
RMS\$CHK = 000184A4  
RMS\$CHN = 0001C0EC  
RMS\$CJF = 0001C164  
RMS\$COD = 000184AC  
RMS\$CONTROL C = 00010651  
RMS\$CONTROLO = 00010609  
RMS\$CONTROL Y = 00010611  
RMS\$CRC = 000182E2  
RMS\$CRE = 0001C00A  
RMS\$CREATED = 00010619  
RMS\$CRE\_STM = 00018069  
RMS\$CRMP = 0001C14C  
RMS\$CUR = 000184B4  
RMS\$DAC = 0001C012  
RMS\$DAN = 000184BC  
RMS\$DEADLOCK = 000187D4  
RMS\$DEL = 00018262  
RMS\$DEV = 000184C4  
RMS\$DFL = 0001876C  
RMS\$DIR = 000184CC  
RMS\$DME = 000184D4  
RMS\$DNA = 000184DC  
RMS\$DNF = 0001C04A  
RMS\$DNR = 00018272  
RMS\$DPE = 0001C03A  
RMS\$DTP = 000184E4  
RMS\$DUP = 000184EC  
RMS\$DVI = 000184F4  
RMS\$ENQ = 0001C134  
RMS\$ENT = 0001C01A  
RMS\$ENV = 00018724  
RMS\$EOF = 0001827A



RMSS\_ESA = 000184FC  
 RMSS\_ESL = 00018714  
 RMSS\_ESS = 00018504  
 RMSS\_EXENQLM = 000187DC  
 RMSS\_EXP = 000182C2  
 RMSS\_EXT = 0001C022  
 RMSS\_FAB = 0001850C  
 RMSS\_FAC = 00018514  
 RMSS\_FEX = 00018282  
 RMSS\_FLG = 0001851C  
 RMSS\_FLK = 0001828A  
 RMSS\_FNA = 00018524  
 RMSS\_FND = 0001C02A  
 RMSS\_FNF = 00018292  
 RMSS\_FNM = 0001852C  
 RMSS\_FOP = 0001853C  
 RMSS\_FSZ = 00018534  
 RMSS\_FTM = 000187C4  
 RMSS\_FUL = 00018544  
 RMSS\_GBC = 000187CC  
 RMSS\_IAL = 0001854C  
 RMSS\_IAN = 00018554  
 RMSS\_IBF = 00018754  
 RMSS\_IBK = 0001877C  
 RMSS\_IDR = 000182F2  
 RMSS\_IDX = 0001855C  
 RMSS\_IFA = 0001C124  
 RMSS\_IFI = 00018564  
 RMSS\_IFL = 00018764  
 RMSS\_IMX = 0001856C  
 RMSS\_INCOMPSHR = 0001826A  
 RMSS\_IOP = 00018574  
 RMSS\_IRC = 0001857C  
 RMSS\_ISI = 00018584  
 RMSS\_JNF = 0001C052  
 RMSS\_JNS = 000187F4  
 RMSS\_JOP = 000187E4  
 RMSS\_KBF = 0001858C  
 RMSS\_KEY = 00018594  
 RMSS\_KFF = 00018031  
 RMSS\_KNM = 00018774  
 RMSS\_KRF = 0001859C  
 RMSS\_KSI = 00018784  
 RMSS\_KSZ = 000185A4  
 RMSS\_LAH = 000185AC  
 RMSS\_LEX = 0001878C  
 RMSS\_LNE = 0001858C  
 RMSS\_LWC = 000182FA  
 RMSS\_MBC = 00018734  
 RMSS\_MKD = 0001C032  
 RMSS\_MRN = 000185CC  
 RMSS\_MRS = 000185D4  
 RMSS\_NAM = 000185DC  
 RMSS\_NEF = 000185E4  
 RMSS\_NET = 0001874C  
 RMSS\_NETFAIL = 0001C13C  
 RMSS\_NMF = 000182CA

RMSS\_NOD = 000185F4  
 RMSS\_NOJ = 0001C154  
 RMSS\_NORMAL = 00010001  
 RMSS\_NPK = 000185FC  
 RMSS\_NRU = 000187FC  
 RMSS\_OK\_ALK = 00018039  
 RMSS\_OK\_DEL = 00018041  
 RMSS\_OK\_DUP = 00018011  
 RMSS\_OK\_IDX = 00018019  
 RMSS\_OK\_LIM = 00018051  
 RMSS\_OK\_NOP = 00018059  
 RMSS\_OK\_RLK = 00018021  
 RMSS\_OK\_RNF = 00018049  
 RMSS\_OK\_RRL = 00018029  
 RMSS\_OK\_RULK = 00018071  
 RMSS\_OK\_WAT = 00018061  
 RMSS\_ORD = 00018604  
 RMSS\_ORG = 0001860C  
 RMSS\_OVRDSKQUOTA = 00010669  
 RMSS\_PBF = 00018614  
 RMSS\_PENDING = 00018009  
 RMSS\_PES = 000181C8  
 RMSS\_PLG = 0001861C  
 RMSS\_PLV = 0001872C  
 RMSS\_POS = 00018624  
 RMSS\_PRV = 0001829A  
 RMSS\_QUO = 00018634  
 RMSS\_RAB = 0001863C  
 RMSS\_RAC = 00018644  
 RMSS\_RAT = 0001864C  
 RMSS\_RBF = 00018654  
 RMSS\_REENT = 0001C15C  
 RMSS\_REF = 0001875C  
 RMSS\_RER = 0001C0F4  
 RMSS\_REX = 000182A2  
 RMSS\_RFA = 0001865C  
 RMSS\_RFM = 00018664  
 RMSS\_RHB = 0001866C  
 RMSS\_RLF = 00018674  
 RMSS\_RLK = 000182AA  
 RMSS\_RMV = 0001C0FC  
 RMSS\_RNF = 000182B2  
 RMSS\_RNL = 000181A0  
 RMSS\_ROP = 0001867C  
 RMSS\_RPL = 0001C104  
 RMSS\_RRV = 00018684  
 RMSS\_RSA = 000182DA  
 RMSS\_RSL = 0001873C  
 RMSS\_RSS = 00018694  
 RMSS\_RST = 0001869C  
 RMSS\_RSZ = 000186A4  
 RMSS\_RT8 = 000181A8  
 RMSS\_RUM = 000187EC  
 RMSS\_RVU = 0001868C  
 RMSS\_SEG = 00018794  
 RMSS\_SEQ = 000186AC  
 RMSS\_SHR = 000186B4

RMS\$_SIZ	= 000186BC
RMS\$_SNE	= 0001879C
RMS\$_SPE	= 000187A4
RMS\$_SPL	= 0001C042
RMS\$_SQO	= 000186C4
RMS\$_STR	= 000187BC
RMS\$_SUC	= 00010001
RMS\$_SUP	= 000182D2
RMS\$_SUPERSEDE	= 00010631
RMS\$_SUPPORT	= 0001C144
RMS\$_SYN	= 000186D4
RMS\$_SYS	= 0001C10C
RMS\$_TMO	= 000181B0
RMS\$_TMR	= 0001C16C
RMS\$_TNS	= 000181B8
RMS\$_TRE	= 000186DC
RMS\$_TYP	= 000186E4
RMS\$_UBF	= 000186EC
RMS\$_UPI	= 000187AC
RMS\$_USZ	= 000186F4
RMS\$_VER	= 000186FC
RMS\$_WBE	= 0001C12C
RMS\$_WCC	= 000182EA
RMS\$_WER	= 0001C114
RMS\$_WLD	= 00018744
RMS\$_WLK	= 000182BA
RMS\$_WPL	= 0001C11C
RMS\$_XAB	= 0001870C
RMS\$_XNF	= 00018704

-----  
! Psect synopsis !  
-----

PSECT name	Allocation	PSECT No.	Attributes														
ABS	00000000 ( 0.)	00 ( 0.)	NOPIC	USR	CON	ABS	LCL	NOSHR	NOEXE	NORD	NOWRT	NOVEC	BYTE				
NK\$NETWORK	000002DC ( 732.)	01 ( 1.)	PIC	USR	CON	REL	GBL	NOSHR	EXE	RD	NOWRT	NOVEC	BYTE				
\$ABSS	00000000 ( 0.)	02 ( 2.)	NOPIC	USR	CON	ABS	LCL	NOSHR	EXE	RD	WRT	NOVEC	BYTE				

-----  
! Performance indicators !  
-----

Phase	Page faults	CPU Time	Elapsed Time
Initialization	30	00:00:00.08	00:00:00.71
Command processing	114	00:00:00.62	00:00:04.09
Pass 1	238	00:00:09.53	00:00:17.56
Symbol table sort	0	00:00:00.35	00:00:00.40
Pass 2	107	00:00:02.12	00:00:05.41
Symbol table output	44	00:00:00.30	00:00:00.42
Psect synopsis output	1	00:00:00.02	00:00:00.05
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	536	00:00:13.04	00:00:28.66

The working set limit was 1350 pages.

43424 bytes (85 pages) of virtual memory were used to buffer the intermediate code.  
There were 20 pages of symbol table space allocated to hold 397 non-local and 0 local symbols.  
559 source lines were read in Pass 1, producing 20 object records in Pass 2.  
17 pages of virtual memory were used to define 16 macros.

-----  
! Macro library statistics !  
-----

Macro library name	Macros defined
-----	-----
\$255\$DUA28:[RMS.OBJ]RMS.MLB;1	3
\$255\$DUA28:[SYSLIB]STARLET.MLB;2	3
TOTALS (all libraries)	6

474 GETS were required to define 6 macros.

There were no errors, warnings or information messages.

MACRO/LIS=LIS\$:NTODAPRMS/OBJ=OBJ\$:NTODAPRMS MSRC\$:NTODAPRMS/UPDATE=(ENH\$:NTODAPRMS)+LIB\$:RMS/LIB



0316 AH-BT13A-SE  
VAX/VMS V4.0

DIGITAL EQUIPMENT CORPORATION  
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NT0DAPRMS  
LIS

NT0GET  
LIS

NT0NASET  
LIS

NT0EXTEND  
LIS

NT0DECODE  
LIS

NT0ENCODE  
LIS

NT0ERASE  
LIS

NT0DISCON  
LIS

NT0DISPLY  
LIS

NT0MISC  
LIS